

DETAILED ACTION

This Office Action is in response to the Amendment filed on February 06, 2008.

Claims 37, 39-42, and 44-46 were amended.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Daniel J. Ryan (Reg. No. 61, 232) on Tuesday March 25, 2008.

The application has been amended as follows:

In claim 37, line 32, "**are based**" has been replaced by – **is based** – (*for correction typo error*).

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance: The prior art fails to disclose or renders obvious the claimed combination of a system and a method for influencing an induction gas temperature in a combustion chamber of an internal combustion engine, having a compression device; an expansion device; a temperature

sensor to record the second temperature; an exhaust gas recirculation device; an exhaust gas cooler; and including:

“Regarding claims 24 and 37:

a control/regulation/computation device which includes a first device for calculating a required exhaust gas temperature, the first device connected to a second device for calculating a coolant through-flow of the exhaust gas cooler, the second device is connected via a coolant flow regulation path to a coolant flow controller; and

the control/regulation/computation device, which uses measured values, set-point values, and the temperature increase of the fresh air from T1 to T2 to explicitly influence the combustion chamber temperature by controlling the heat flow to the combustion chamber and thereby the energy level in the combustion chamber;

wherein the measured values and set-point values for calculating the required exhaust temperature are assigned to engine operating variables selected from the group consisting of: exhaust gas temperature, recirculated exhaust gas mass, recirculated exhaust gas quantity, air/fuel temperature, air/fuel mass, air/fuel quantity, induction gas temperature, induction gas mass, induction gas quantity, coolant temperature, oil temperature of the coolant, oil flowing through the exhaust gas cooler, coolant mass, oil mass, coolant quantity, oil quantity of the coolant, and oil flowing through the exhaust gas cooler.”

Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thai-Ba Trieu whose telephone number is (571) 272-4867. The examiner can normally be reached on Monday - Thursday (6:30-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas E. Denion can be reached on (571) 272-4859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thai-Ba Trieu/

TTB
March 27, 2008

Thai-Ba Trieu
Primary Examiner
Art Unit 3748